TORNADO TIG 250 / 315 / 500 AC/DC

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FONTECH

- **Multi-functions: AC Square wave TIG, DC pulse TIG, DC TIG, MMA and Spot TIG welding.**
- **Microprocessor control technology.**
- **Parameters in panel are set by coordinate-type touch key; and single-knob makes the operation simple and clear.**
- **Many adjustable parameters under each of the five welding states.**
- **All parameters under the five welding states can be stored in Memory channel.**
- **Protective functions: overheat, over-current and under-voltage, etc.**

HT-ARC *WELDER FRIENDLY WELDING AND CUTTING EQUIPMENT*
WELDING SYSTEMS AND WELDER HEALTH AND SAFETY EQUIPMENT

Switch over to the latest inverter technology

TORNADO TIG 250 / 315 / 500 AC/DC

AC/DC Pulse TIG/MMA Square Wave Welding Power Sources

TORNADO TIG AC/DC series products are multi-functional welding power sources with IGBT inverter technology. They are widely used in various kinds of metal including Al, Mg and their alloys at TIG welding and are suitable for all kinds of electrode MMA welding.

TECHNICAL SPECIFICATIONS		UNIT	TIG 250 AC/DC	TIG 315 AC/DC	TIG 500 AC/DC
Input voltage		V	415 ±10%	415 ±10%	415 ±10%
Phase		No.	3	3	3
Frequency		Hz	50 / 60	50 / 60	50 / 60
Input current		A	19	25	25
Open circuit voltage		V	70	70	79
Current range		A	10-250	20-315	20-510
Power factor		cos Ø	0.9	0.9	0.9
Welding current at	35% duty cycle	A	-	-	500
	60% duty cycle	A	250 (22.5 V)	315 (23 V)	380 (25.2 V)
	100% duty cycle	A	190 (19.5 V)	244 (19.8 V)	290 (21.6 V)
Efficiency			0.85	0.9	0.9
Insulation		Class	F	F	F
Protection		Type	IP 21 S	IP 21 S	IP 21 S
Dimensions (W x L x H)		mm	700x340x530	700x360x780	700x360x780
Weight		Kgs	40	63	68

STANDARD ACCESSORIES

- Earth clamp
- TIG torch
- Welding cable (5 m)
- Earth lead (3 m)
- Fast plug

OPTIONAL ACCESSORIES

- Water cooling unit
- Water cooled TIG torch

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Reclamation, Fusion
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